

Q.1	There is no eligibility criteria for tender value upto ____.	1.0 Mark
(A)	5 Lakhs	
(B)	20 Lakhs	
(C)	50 Lakhs	
(D)	1 Crore	

Q.2	_____ set of post-retirement complementary passes are issued after the retirement of a Group-B Railway Servant with 20 years of services.	1.0 Mark
(A)	1 set	
(B)	2 set	
(C)	3 set	
(D)	6 set	

Q.3	Chlorination of water is done for the removal of	1.0 Mark
(A)	Bacterials	
(B)	Suspended Solids	
(C)	Sediments	
(D)	Hardness	

Q.4	The level of underground water is called	1.0 Mark
(A)	Water level	
(B)	Water Table	
(C)	Negative level	
(D)	Invert level	

Q.5	The arrangements made to support an unsafe structure temporarily, is known as	1.0 Mark
(A)	Shoring	
(B)	Scaffolding	
(C)	Under pinning	
(D)	Jacking	

Q.6	The settlement of a particle in sedimentation tank is affected by	1.0 Mark
(A)	Velocity of flow	
(B)	Velocity of water	
(C)	Size and shape of solid	
(D)	All of these	

Q.7	The cant gradient on BG should not be steeper than ____.	1.0 Mark
(A)	1 in 720	
(B)	1 in 360	
(C)	1 in 400	
(D)	1 in 1000	

Q.8	The most commonly used base for timber painting is	1.0 Mark
(A)	Red lead	
(B)	Zinc white	
(C)	White lead	
(D)	Titanium White	

Q.9	The distance between the centres of adjacent rivets in the same row, is called	1.0 Mark
(A)	Pitch	
(B)	Lap	
(C)	Gauge	
(D)	Staggered pitch	

Q.10	The ultimate bearing capacity of a soil, is	1.0 Mark
(A)	Total load on the bearing area	
(B)	Safe load on the bearing area	
(C)	Load at which soil fails	
(D)	Load at which soil consolidates	

Q.11	The direction and velocity of wind is recorded continuously by	1.0 Mark
(A)	Barometer	
(B)	Machmeter	
(C)	Anemometer	
(D)	Sclerometer	

Q.12	Useful soil moisture for plant growth is	1.0 Mark
(A)	Capillary water	
(B)	Gravity water	
(C)	Hygroscopic water	
(D)	Chemical water	

Q.13	During _____ Official Languages Act 1963 was amended.	1.0 Mark
(A)	1969	
(B)	1967	
(C)	1997	
(D)	2017	

Q.14	Filtration of water is done to remove	1.0 Mark
(A)	Colour	
(B)	Odour	
(C)	Turbidity	
(D)	Pathogenic Bacteria	

Q.15	A long vertical member, subjected to an axial compressive load, is called	1.0 Mark
(A)	a column	
(B)	a strut	
(C)	a tie	
(D)	a stanchion	

Q.16	Non practicing allowance is granted to Railway	1.0 Mark
(A)	Teachers	
(B)	Instructors	
(C)	Doctors	
(D)	Police	

Q.17	A railway servant detained in custody for more than _____ hours is deemed to be under suspension.	1.0 Mark
(A)	24	
(B)	48	
(C)	72	
(D)	12	

Q.18	The minimum sleeper density for all track renewals (CTR & TSR) for loop lines may be ____ nos.	1.0 Mark
(A)	1660	
(B)	1540	
(C)	1320	
(D)	1340	

Q.19	When an up-gradient of a highway meets a downgrade, the vertical curve provided, is known as	1.0 Mark
(A)	Valley curve	
(B)	Sag curve	
(C)	Summit curve	
(D)	all of these	

Q.20	The area of a square is numerically equal to the perimeter of the square, then the side of square is ____.	1.0 Mark
(A)	2 units	
(B)	3 units	
(C)	4 units	
(D)	5 units	

Q.21	____ is the final Hindi course prescribed for clerical cadre employees of central Government.	1.0 Mark
(A)	Praveen	
(B)	Prabodh	
(C)	Pragya	
(D)	None of these	

Q.22	For delay in submission of PG beyond 21 days and upto 60 days, penal interest of ____ % per annum shall be charged.	1.0 Mark
(A)	8	
(B)	10	
(C)	12	
(D)	24	

Q.23	Uniform date of annual increment is ____ of every year.	1.0 Mark
(A)	1st January	
(B)	1st June	
(C)	1st July	
(D)	1st April	

Q.24	If the elevation along a road increase, the slope of the road along the longitudinal direction is known as	1.0 Mark
(A)	Gradient	
(B)	Grade	
(C)	Positive grade	
(D)	Negative grade	

Q.25	The type of bond in which every course contains both headers and stretchers is called	1.0 Mark
(A)	English Bond	
(B)	Flemish Bond	
(C)	Stretcher Bond	
(D)	Header Bond	

Q.26	Any deviation from the schedule of dimensions will require prior sanction of ____.	1.0 Mark
(A)	CRS	
(B)	Railway Board	
(C)	Zonal Railway	
(D)	either (a) or (b)	

Q.27	Lump sum award for passing Pragma with 70% and above is Rs. ____	1.0 Mark
(A)	1600	
(B)	1800	
(C)	6000	
(D)	1200	

Q.28	The concrete slump recommended for beams and slabs, is	1.0 Mark
(A)	25 to 50 mm	
(B)	25 to 75 mm	
(C)	30 to 125 mm	
(D)	50 to 100 mm	

Q.29	M 150 grade of concrete approximates	1.0 Mark
(A)	1:3:6 mix	
(B)	1:1:2 mix	
(C)	1:2:4 mix	
(D)	1 : 1.5: 3 mix	

Q.30	The size of fine aggregate does not exceed	1.0 Mark
(A)	2.75 mm	
(B)	3.00 mm	
(C)	3.75 mm	
(D)	4.75 mm	

Q.31	The most valuable timber may be obtained from	1.0 Mark
(A)	Chir	
(B)	Shisham	
(C)	Sal	
(D)	Teak	

Q.32	The grade of concrete M 150 means that compressive strength of a 15 cm cube after 28 days is	1.0 Mark
(A)	100 kg / cm ²	
(B)	150 kg / cm ²	
(C)	200 kg / cm ²	
(D)	250 kg / cm ²	

Q.33	The process of hardening the concrete by keeping its surface moist is known	1.0 Mark
(A)	Placing	
(B)	Wetting	
(C)	Curing	
(D)	Compacting	

Q.34	Bulking of sand is	1.0 Mark
(A)	Mixing of different sizes of sand particles	
(B)	Mixing of lime with sand	
(C)	Mixing of water with sand	
(D)	Swelling of sand when vetted	

Q.35	Cross slope of formation top for new construction work is /	1.0 Mark
(A)	1 in 30	
(B)	1 in 40	
(C)	1 in 1000	
(D)	1 in 100	

Q.36	The main principle of surveying is to work	1.0 Mark
(A)	from part to the whole	
(B)	from whole to the part	
(C)	from higher level to the lower level	
(D)	from lower level to the higher level	

Q.37	_____ leave is not debited against leave account.	1.0 Mark
(A)	Study	
(B)	LAP	
(C)	LHAP	
(D)	CL	

Q.38	Security Deposit is refunded after _____	1.0 Mark
(A)	Completion period	
(B)	maintenance period is over	
(C)	Issue of final bill	
(D)	after (3) and (2)	

Q.39	Bulking of sand is caused due to	1.0 Mark
(A)	Surface moisture	
(B)	Air voids	
(C)	Viscosity	
(D)	All of these	

Q.40	Shift is calculated from the formula	1.0 Mark
(A)	$S=4.2 L^2 / R$	
(B)	$S=4.2 R / L^2$	
(C)	$S=42 L^3 / R$	
(D)	$S=42 R^2 / L^2$	

Q.41	_____ is the Chairman of Town Official Language Implementation Committee (offices)/ Chennai.	1.0 Mark
(A)	Station Director	
(B)	ADRM	
(C)	DRM	
(D)	GM	

Q.42	The brick laid with its length parallel to the face of a wall is known as	1.0 Mark
(A)	Header	
(B)	Stretcher	
(C)	Closer	
(D)	None of these	

Q.43	Amount of Honorarium given to the OLIC clerks is Rs. _____	1.0 Mark
(A)	600	
(B)	1000	
(C)	10000	
(D)	5000	

Q.44	For running EMU, minimum horizontal distance from centre of track to any structure on straight alignment is _____ mm.	1.0 Mark
(A)	2135	
(B)	1676	
(C)	2360	
(D)	2500	

Q.45	The best process of disinfection of public water supply is by	1.0 Mark
(A)	Boiling	
(B)	Chlorination	
(C)	Adding Lime	
(D)	Adding Ozone	

Q.46	Atmospheric pressure is measured in	1.0 Mark
(A)	Ergs	
(B)	Degrees	
(C)	Bars	
(D)	None of these	

Q.47	The order of booking the dimension is	1.0 Mark
(A)	length, breath, height	
(B)	breath, length, height	
(C)) height, breath, length	
(D)	None of these	

Q.48	Encroachment on Railway land in mid-section are to be removed by _____.	1.0 Mark
(A)	SSE/P.Way	
(B)	SSE/Works	
(C)	SM	
(D)	RPF	

Q.49	_____ is the foreign language included in the Eighth Schedule.	1.0 Mark
(A)	Nepali	
(B)	Mandarin	
(C)	Japanese	
(D)	French	

Q.50	_____ is the amount to be deposited by the successful tenderer within 60 days as a token of guarantee for the due and faithful fulfillment of the contract.	1.0 Mark
(A)	EMD	
(B)	PG	
(C)	SD	
(D)	all of the above	

Q.51	On BG, there should be no change of cant, from the toe of switch and nose of the crossing for a distance of	1.0 Mark
(A)	10m	
(B)	12m	
(C)	15m	
(D)	20m	

Q.52	Minimum radius of vertical curve on BG Group-B route is ____.	1.0 Mark
(A)	4000 m	
(B)	5000 m	
(C)	3000 m	
(D)	2000 m	

Q.53	____ is the elementary Hindi Course prescribed for Central Government Employees.	1.0 Mark
(A)	Prabodh	
(B)	Praveen	
(C)	Pragya	
(D)	BA	

Q.54	To prevent segregation, the maximum height for placing concrete, is	1.0 Mark
(A)	100 cm	
(B)	125 cm	
(C)	150 cm	
(D)	200 cm	

Q.55	A ____ is an agreement between two parties.	1.0 Mark
(A)	Tender	
(B)	Contract	
(C)	Bill form	
(D)	MB	

Q.56	The minimum horizontal distance from centre of track to face of passenger platform coping for BG is ____ mm.	1.0 Mark
(A)	1670	
(B)	1680	
(C)	1676	
(D)	1690	

Q.57	Turbidity of water may be caused due to	1.0 Mark
(A)	Suspended clay	
(B)	Suspended silt	
(C)	Finely divided organic material	
(D)	All of these	

Q.58	Encroachment should be recorded in ____.	1.0 Mark
(A)	Section Register	
(B)	Special occurrence Register	
(C)	Land boundary verification Register	
(D)	Encroachment Register	

Q.59	On receipt of SF-11 charge sheet, the charged official should submit defence statement within ____ days.	1.0 Mark
(A)	7 days	
(B)	10 days	
(C)	15 days	
(D)	30 days	

Q.60	One square meter is equal to	1.0 Mark
(A)	100 square centimeters	
(B)	1000 square centimeters	
(C)	10,000 square centimeters	
(D)	1,000,000 square centimeters	

Q.61	Separation of coarse aggregates from mortar during transportation, is known	1.0 Mark
(A)	Bleeding	
(B)	Creeping	
(C)	Segregation	
(D)	Shrinkage	

Q.62	PVC stands for	1.0 Mark
(A)	Plastic Very Compact	
(B)	Polythene Vinyl Chloride	
(C)	Polythene Vinyl Carbon	
(D)	Polythene Vanadium Carbide	

Q.63	The maximum bearing capacity is that of	1.0 Mark
(A)	Black cotton soil	
(B)	Fine sandy soil	
(C)	Coarse sandy soil	
(D)	Hard rocks	

Q.64	The total cost of flooring a room at Rs.8.50 per sq metre is Rs.510. If the length of the room is 8 metre. Find its breadth.	1.0 Mark
(A)	7.4m	
(B)	7.5m	
(C)	8.5m	
(D)	5.8m	

Q.65	A 1st class brick immersed in water for 24 hours should not absorb water (by weight) more than	1.0 Mark
(A)	0.1	
(B)	0.15	
(C)	0.2	
(D)	0.25	

Q.66	ISI has specified the full strength of concrete after	1.0 Mark
(A)	7 days	
(B)	14 days	
(C)	21 days	
(D)	28 days	

Q.67	Minimum radius of lead curve on BG track is _____.	1.0 Mark
(A)	220 m	
(B)	165 m	
(C)	350 m	
(D)	463 m	

Q.68	liquid and plastic limits exist in	1.0 Mark
(A)	Sandy soils	
(B)	Silty soil	
(C)	Gravel soils	
(D)	Clay soils	

Q.69	The strength of brick masonry in 1:6 cement mortar is	1.0 Mark
(A)	20 tonnes/m ²	
(B)	40 tonnes/m ²	
(C)	50 tonnes/m ²	
(D)	60 tonnes/m ²	

Q.70	Paternity leave can be availed upto _____ months from the date of delivery of child.	1.0 Mark
(A)	Six	
(B)	Three	
(C)	Two	
(D)	Twelve	

Q.71	To construct a 10 cm thick partition wall, you will prefer	1.0 Mark
(A)	English bond	
(B)	Flemish bond	
(C)	Header bond	
(D)	Stretcher bond	

Q.72	Raising of outer edge of a road with respect to inner edge is known as	1.0 Mark
(A)	Super elevation	
(B)	Cant	
(C)	Banking	
(D)	all of these	

Q.73	Quantities operated in excess of 140 % but upto 150 % of the agreement quantity of the concerned item shall be paid at _____ % of the awarded rate for that item in that particular tender.	1.0 Mark
(A)	98	
(B)	96	
(C)	100	
(D)	99	

Q.74	A member which does not regain its original shape after removal of load producing deformation is said	1.0 Mark
(A)	Plastic	
(B)	Elastic	
(C)	Rigid	
(D)	None of these	

Q.75	A wall constructed to resist the pressure of an earth filling, is called	1.0 Mark
(A)	Retaining wall	
(B)	Breast wall	
(C)	Buttress	
(D)	Parapet wall	

Q.76	The bending moments is maximum on a section where shear force	1.0 Mark
(A)	is maximum	
(B)	is minimum	
(C)	is equal	
(D)	changes sign	
Q.77	'Hindi Day' is celebrated every year on _____	1.0 Mark
(A)	14th September	
(B)	5th November	
(C)	18th August	
(D)	6th June	
Q.78	New pension scheme was introduced from _____.	1.0 Mark
(A)	01.01.2009	
(B)	01.01.2004	
(C)	01.01.2007	
(D)	01.07.2004	
Q.79	The property by which a body returns to its original shape after removal of force, is called	1.0 Mark
(A)	Plasticity	
(B)	Elasticity	
(C)	Ductility	
(D)	Malleability	
Q.80	Hooke's law states that stress and strain are	1.0 Mark
(A)	Directly proportional	
(B)	inversely proportional	
(C)	Curvilinearly related	
(D)	None of these	
Q.81	Concrete mainly consists of	1.0 Mark
(A)	Cement	
(B)	Aggregates	
(C)	water	
(D)	all of these	
Q.82	In water bound macadam roads, binding material used is	1.0 Mark
(A)	Sand	
(B)	Stone dust	
(C)	Cement	
(D)	Brick dust	
Q.83	Extension of currency in works contract for delay not due to Railway or Contractor is granted under _____	1.0 Mark
(A)	17 (A) (i)	
(B)	17 (A) (ii)	
(C)	17 (B) (i)	
(D)	None of the above	
Q.84	Maximum degree of turn in curve on passenger line	1.0 Mark
(A)	4 degree	
(B)	6 degree	
(C)	8 degree	
(D)	10 degree	

Q.85	Clause-17(a)(ii) of GCC is related to ____.	1.0 Mark
(A)	Extension of time	
(B)	Passing of bills	
(C)	Variation in quantities	
(D)	all of these	

Q.86	Sand generally contains salt if it is obtained from	1.0 Mark
(A)	Nalla beds	
(B)	River beds	
(C)	Sea beds	
(D)	all of these	

Q.87	Leave chart of employee is updated ____.	1.0 Mark
(A)	Once in two years	
(B)	Twice in a year	
(C)	Once in five years	
(D)	None of the above	

Q.88	Total pressure on the vertical face of a retaining wall of height 'h', acts parallel to free surface and from the base at a distance of	1.0 Mark
(A)	$h/4$	
(B)	$h/3$	
(C)	$h/2$	
(D)	$2 h/3$	

Q.89	Situation which warrant fixation of pay	1.0 Mark
(A)	Initial appointment	
(B)	promotion	
(C)	Punishment	
(D)	All of these	

Q.90	If the failure of a finite slope occurs through the toe, it is known as	1.0 Mark
(A)	slope failure	
(B)	face failure	
(C)	base failure	
(D)	toe failure	

Q.91	The advantage of a concrete pile over a timber pile, is	1.0 Mark
(A)	No decay due to termites	
(B)	No restriction on length	
(C)	higher bearing capacity	
(D)	all of these	

Q.92	____ is the Chairman of Central Hindi Committee.	1.0 Mark
(A)	Railway Board Chairman	
(B)	Minister for Railways	
(C)	Minister for LAW	
(D)	Prime Minister	

Q.93	Which one of the following is not for minor penalty?	1.0 Mark
(A)	Removal from service	
(B)	Censure	
(C)	Pass cut	
(D)	Increment cut for one year	

Q.94	Normally, the length of virtual transition on BG is taken as ____.	1.0 Mark
(A)	10.30 m	
(B)	13.70 m	
(C)	14.60 m	
(D)	16.40 m	

Q.95	An imaginary line joining the points of equal elevation on the surface of earth, represents	1.0 Mark
(A)	Contour surface	
(B)	Contour gradient	
(C)	Contour line	
(D)	Level line	

Q.96	The pH value of water fit for drinking is	1.0 Mark
(A)	13	
(B)	11	
(C)	9	
(D)	7	

Q.97	For plastering the exposed brick walls, the cement mortar should be	1.0 Mark
(A)	1:2	
(B)	1:3	
(C)	1:4	
(D)	1:6	

Q.98	Seasoning of timber is done	1.0 Mark
(A)	To make it water proof	
(B)	To increase its temperature	
(C)	To paint its surface	
(D)	To remove water	

Q.99	For yard drainage, pucca drains should be designed for the velocity of	1.0 Mark
(A)	0.05 to 1.0 m/sec	
(B)	1.0 to 2.0 m/sec	
(C)	2.0 to 2.5 m/sec	
(D)	2.5 to 3.0 m/sec	

Q.100	Construction joints are generally provided in concrete	1.0 Mark
(A)	Roads	
(B)	Retaining walls	
(C)	Lining of canals	
(D)	all of these	

Q.101	The compensation for curvature on gradient to be allowed for BG, per degree of curve is	1.0 Mark
(A)	0.00004	
(B)	0.00003	
(C)	0.0004	
(D)	0.004	

Q.102	For major penalty, charge sheet in form ____ is issued	1.0 Mark
(A)	SF-1	
(B)	SF-5	
(C)	SF-7	
(D)	SF-11	

Q.103	Strength of cement concrete primarily depends upon	1.0 Mark
(A)	Quality of water	
(B)	Quantity of aggregate	
(C)	Quantity of cement	
(D)	Water cement ratio	
Q.104	According to Official Language Rules, Tamil Nadu comes under Region ____.	1.0 Mark
(A)	A	
(B)	B	
(C)	C	
(D)	D	
Q.105	Cohesion-less soil is	1.0 Mark
(A)	Sand	
(B)	Silt	
(C)	Clay	
(D)	Clay and Silt	
Q.106	_____ is the estate officer in the Division.	1.0 Mark
(A)	Sr.DEN/Co-ordn	
(B)	DEN in-charge	
(C)	ADRM	
(D)	DRM	
Q.107	Surface runoff is obtained from	1.0 Mark
(A)	well	
(B)	springs	
(C)	artesian well	
(D)	rain	
Q.108	The minimum head room over a stair must be	1.0 Mark
(A)	200 cm	
(B)	205 cm	
(C)	210 cm	
(D)	220 cm	
Q.109	_____ is asked for token of genuine interest in the work on the part of the tender.	1.0 Mark
(A)	SD	
(B)	PG	
(C)	EMD	
(D)	None of these	
Q.110	Security Deposit is recovered at the rate of ____ % of the bill amount till the full SD is recovered.	1.0 Mark
(A)	5	
(B)	6	
(C)	3	
(D)	20	